CROOK 1653.

BIBLIOTHECA BODLEIANA

AN

Almanack & Prognostication for the year of our Lord God, 1653.

22

Being the first from Bissextile or Leap-year,

And from the Creation of the World, 5602.

Wherein is contained

Many usefull, pleasant and necessary Observations.

Calculated for the Famous University and Town of *Oxford*, whose Longitude is 19 degrees, 00 min. and Latitude is 51 degrees, 50 min. and without sensible errour may serve any part of Great *Brittain*.

BY

WILLIAM CROOKE Student in the *Mathematicks*.

LONDON,

Printed by S. A. for the Company of STATIONERS.

Common or Vulgar Notes of

The Julian or old Accompt used in England, 1653.		The Gregorian or new Accompt used beyond Sea, 1653.
	1 The Golden Number.	1
	10 The Cycle of the Sun.	10
	11 The Epact.	1
	6 The Roman Indiction.	6
	☞ The Dominicall Letter.	C
8 weeks 1 day.	From Christs Birth to Shrove Sunday.	8 weeks 4 dayes.
Aprill	10 Easter day.	Aprill 13
May	19 Ascention day.	May 21
May	29 Whitsunday.	June 1
Novemb.	27 Advent Sunday.	Novemb. 30
	24 Sundaies after Trinity.	24

Common or Vulgar Notes of

The Julian or old Accompt used in England, 1654.		The Gregorian or new Accompt used beyond Sea, 1654.
	2 The Golden Number.	2
	11 The Cycle of the Sun.	11
	22 The Epact.	22
	7 The Roman Indiction.	7
	☞ The Dominicall Letter.	D
6 weeks 0 dayes.	From Christs Birth to Shrovesunday.	7 weeks 3 dayes.
March	26 Easter day.	Aprill 5
May	4 Ascention day.	May 14
May	14 Whitsunday.	May 24
Decemb.	3 Advent Sunday.	Novemb. 29
	27 Sundayes after Trinity.	25

An Everlasting Rule to know when the foure Termes begin and end, and how many Returnes are in every Terme.

Hillary Terme beginneth the 23 day of January (if not Sunday, and ends the thirteenth or fourteenth day of February, and hath 4 Returnes.

1. Octab. Hillar. } 3. Craſt. Purificat.
2. Quind. Hillar. } 4. Octab. Purif.

Eaſter Terme beginneth 17 dayes after Eaſter day, and ends 4 dayes after Aſcention day, and hath 5 Returnes.

1. Quind. Paſch. } 3. Menſe Paſch.
2. Tres Paſch. } 4. Quinq. Paſch.
5. Craſtino Aſcenſionis.

Trinity Terme beginneth alwayes the next day after Corpus Chriſti day, and endeth the Wedneſday forthnight after, and hath 4 Returnes.

Note that Corpus Chriſti day is alwayes the Thurſday after Trinity Sunday.

1. Craſt. Trinitat. } 3. Quind. Trinitat.
2. Octab. Trinitat. } 4. Tres Trinitat.

Michaelmas Terme begins the 23 day of October (if it be not Sunday) and endeth the 28 or 29th of November, and hath 6 Returnes.

1. Tres Michael. } 4. Craſt. Martin.
2. Menſe Michael. } 5. Octab. Martin.
3. Craſt. Animar. } 6. Quind. Martin.

The Act of Batchellors at Oxford and Cambridge, is the firſt day of Lent.

The Act of Maſters is in Oxford July the 8 th but in Cambridge July the 3.

Both over Head & Face bold *Aries* raigns, &c.

And the pretty Virgin she lays claime to the belly,

When the Scorpion stings, &c.

Full Moon 3 day, 17 min, past 8 at night.
Last quarter 11 day, 24 min. past 7 at night.
New Moon 19 day, 7 min past 6 in the morne.
First quarter 25 day, 13 min. past 11 at night.

1	a		♊	25	△ ♂ ☽	Cold moisture
2			♋	8	△ ♄ ♀	and cold
3	c			23	☍ ♃ ☽. ☌ ♃ ☉	abated.
4	d		♌	4	☿ in Elon. m. à ☉	
5	e	Simeon.		17	△ ♀ ☽. ☍ ☿ ☽	
6	f			29	✶ ♂ ☽. ✶ ♀ ☿	Like to be
7	g	Julianus.	♍	11	□ ♀ ☽	windy.
8	a	Erhardus		23	△ ♃ ☽	
9		1 sun. aft. Epi.	♎	5	✶ ♄ ☽.	Cold and
10	c			17	✶ ♀ ☽. △ ☿ ☽	variable
11	d			29	□ ♃ ☽	weather
12	e		♏	11	□ ♄ ☽. ☍ ♂ ☽	these dayes.
13	f	Hillarius.		23	□ ☿ ☽	
14	g	Felix.	♐	6	△ ♄ ☽	
15	a			18	✶ ☿ ☽	Mild and
16	b	2 sun. aft. Epi.	♑	2	☌ ♀ ☽. □ ♄ ♂	good for the
17	c	Antonius.		14	✶ ♂ ☽	time.
18	d			29	☌ ♃ ☽ ☍ ♄ ☉	
19	e		♒	14	□ ♂ ☽. ☌ ☿ ☽	
20	f	Octab. hillar.		28	✶ ♀ ☽. □ ♂ ☉	Like to be
21	g	Agnes.	♓	13	□ ♂ ☿. ☌ ☉ ☿	variable, with
22	a	Vincent.		27	✶ ♃ ☽ □ ♀ ☽	wind and
23	b	3 sun. aft. Epi.	♈	12	△ ♄ ☽ ✶ ☿ ☽	wet.
24	c			26	□ ♃ ☽. □ ♀ ☽	
25	d		♉	10	□ ♄ ☽. ☍ ♂ ☽	
26	e	Polycarpus.		24	△ ♃ ☽	Temperate.
27	f	Quind. hilla.	♊	8	✶ ♄ ☽. △ ☿ ☽	Wind and
28	g			21		Clouds.
29	a		♋	5		Threat. rain.
30	b	4 sun. aft. Epi.		17	△ ♂ ☽. ☍ ♀ ☽	Better
31	c	Saturnus.	♌	9	☍ ♃ ☽. ☍ ☿ ☽	weather

February hath xxviii. dayes.

Full Moon the 2 day, at 10 before noon.
Last quarter 10 day, at 3 in the morning.
New Moon the 17 day at 9 min. past in the night.
First quarter 24 day at 3 quarters past 8 in the morn.

M D	W D	Fest. days with Ter. beg. & en.	Mo. pl. at No.	The Pl. As. to the Mo. & what them	The change of weather.
1	d		♌ 13	□ ♂ ☽. ✶ ♂ ☽	Temperate
2	e	Pur. of Mar.	26		Weather.
3	f	Crastin pur.	♍ 8		
4	g		20	✶ ♂ ☽. △ ♀ ☽	
5	a	Agatha.	♎ 2	△ ♃ ☽. △ ☿ ☽	These days
6	♋	Septuages.	13	✶ ♄ ☽	cold cloudy
7	c		25	□ ♀ ☽	weather,
8	d	☉ enters ♓	♏ 7	□ ♄ ☽. □ ☿ ☽	
9	e	Octab. Puris.	19	✶ ♃ ☽. ☌ ♂ ☽	intermixed
10	f	Scholastica.	♐ 1	✶ ♀ ☽. ✶ ☿ ☽.	with snow
11	g		14	△ ♄ ☽	or raine.
12	a	Tegmo pud.	16	☍ ♄ ♀	
13	♋	Sexages.	♑ 2	✶ ♂ ☽. 22	
14	c	Valentine.	23	☌ ♃ ☽. ☌ ♀ ☽.	Cold abated
15	d		♒ 7	☌ ☿ ☽. ☌ ♃ ♀	
16	e	Juliana.	22	☿ in m dig. a ☉	
17	f		♓ 7	☍ ♄ ♀. 15	☉ eclipsed to
18	g	Concordia	22	△ ♂ ☽	be seen beyond
19	a		♈ 7	△ ♄ ☽. ✶ ♀ ☽	the Seas.
20	♋	Shrove sun day.	21	✶ ☿ ☽	
21	c		♉ 6	□ ♄ ☽. □ ♀ ☽	Wind and
22	d		21	☍ ♂ ☽. □ ☿ ☽	clouds, with
23	e	Polycarpus	♊ 5	✶ ♄ ☽. △ ♃ ☽	variable wea-
24	f	Matthias.	18	△ ♀ ☽. △ ☿ ☽	ther, to the
25	g		♋ 2		end of this
26	a	Oswald.	19	☍ ♄ ♃ 11 a	moneth.
27	♋	1 sun. in Lent.	27	△ ♂ ☽. 11 a	
28	c	Romanus.	♌ 10	☌ ♄ ☽. ☍ ♃ ☽	

Full Moon 4 day, 45 min. past 3 in the morne.
Last quarter 12 day, 48 min. past 6 in the morne.
New Moon the 19 day, 36 min. past 2 in the morne.
First quarter 25 day, 50 min. past 7 at night.

1	d		♌	2	☐☌☽. ☐ ☌ ☿		windy.
2	e		♍	4			
3	f			15			☽ Eclipsed to
4	g	Adrianus.		27	✶ ☌ ☽		be seen in
5	a		♎	10	✶ ♄ ☽. △ ♅ ☽		England.
6	b	2 sun. in Lent.		22	△ ♀ ☽. ☐ ☌ ♀		
7	c		♍	4	☐ ♄ ☽. ☐ ♅ ☽		Rain like.
8	d			16			
9	e			28	☐ ♀ ☽. △ ☌ ☉		Wind and
10	f		♐	10	✶ ♅ ☽. ☐ ☿ ☽		clouds.
11	g			22			
12	a	Gregorius.	♑	5	✶ ♀ ☽		
13	b	3 sun. in Lent.		21	△ ☿ ☽.		
14	c		♒	2	☐ ♄ ☽. ✶ ☌ ☽		Temperate
15	d			16	☌ ♅ ☽		weather these
16	e	Cyriacus.		30	☐ ☌ ☽ △ ♄ ☉		dayes.
17	f	Gertrud.	♓	15	☌ ♀ ☽		
18	g			29	△ ☌ ☽. ☌ ♀ ☽		
19	a	Josephus.	♈	15	✶ ♄ ☽		Windy
20	b	4 sun. in Lent.		30	☐ ♄ ☽		weather,
21	c		♉	15	✶ ♅ ♀. △ ☌ ☿ ☽		and Clouds
22	d			30	✶ ♄ ☽. ✶ ♀ ☽		scattering,
23	e		♊	14	△ ♅ ☽. ☐ ♀ ☽		raising rain.
24	f			28	△ ♄ ☿ 6 a.		
25	g		♋	11	☐ ♀ ☽		
26	a	Gastulus.		24	△ ♀ ☽		Winds
27	b	5 sun. in Lent.	♌	7	☌ ♄ ☽. ✶ ♅ ☽		clearing
28	c			19	△ ♀ ☽		the Aire.
29	d	Eustachi.	♍	1	☐ ☌ ☽		
30	e	Guido.		13	☌ ☉ ☿. 19 p.		Clouds
31	f			25	☌ ♀ ☽		and Wind.

Full Moon 1 day, 20 min past 9 at night.
Last quarter 10 day, 38 min. past 6 at night
New Moon 17 day, 48 min past 10 before noon.
First quarter 24 day, near 5 in the morne.

1	g	Theodore.	♎	7	✶ ♄ ☽. △ ♃ ☽	Pleasant
2	a	Mary Egyp		19		weather.
3	[illegible]	[illegible]	♏	1	□ ♄ ☽. ☍ ☿ ☽	Like to be
4	c			14	□ ♃ ☽. △ ♂ ♀	variable,
5	d			25	☌ ♂ ☽. 15 p.	showing
6	e		♐	7	△ ♄ ☽. △ ♀ ☽	unconstant
7	f	Egesippus.		19	△ ♄ ♀. □ ♄ ☿	weather
8	g		♑	2	□ ♀ ☽	these dayes.
9	a			14	△ ☿ ☽	
10	[illegible]	Easter day.		27	✶ ♂ ☽	
11	c		♒	11	☌ ♃ ☽ □ ♃ ☿	[illegible]
12	d	Julius.		25	□ ♂ ☽. 12 p.	
13	e	Justinus.	♓	9	✶ ♂ ☽. 17 p.	Clouds and
14	f	Tiburtius.		23	✶ ♄ ♀. Sa.	wind
15	g		♈	8	△ ♄ ☽ ✶ ♃ ☽	Threatning
16	a			2	☌ ♀ ☽. □ ♄ ☉	showers.
17	[illegible]	Lowsunday.	♉	8	□ ♄ ☽. □ ♃ ☽	
18	c			23	☌ ♂ ☽. ☌ ☿ ☽	
19	d		♊	8	✶ ♄ ☽. △ ♃ ☽	Temperate
20	e	Victor.		23	✶ ♀ ☽. ☍ ♂ ☿	weather.
21	f		♋	7		Cole winds
22	g			20	□ ♀ ☽	
23	a	S. George.	♌	5	☌ ♄ ☽. ✶ ☿ ☽	Pleasant
24	[illegible]	2 sun at east.		18	☍ ♃ ☽	weather.
25	c	[illegible]		28		Clouds scat-
26	d		♍	10	Quind Pasch.	tering
27	e	[illegible]		22	□ ☿ ☽	Pleasant
28	f	Vitalis.	♎	4	5 in m. deg. a ☉	Spring-
29	g			16	✶ ♄ ☽. △ ☿ ☽	weather.
30	a	Erkenwald		28	△ ♃ ☽	
					□ ♄ ☽. ☍ ♀ ☽	

Full Moon 2 day. 14 min. past 1 in the afternoon.
Last quarter 10 day, 12 min past 3 in the morne.
New Moon 16 day, 38 min. past 6 at night.
First quarter 24 day, near 2 in the morne.

1	[illegible]	3 sun. aft. East.	♍	10	□ ♃ ☽	
2	c	Tres Pasch		22	☌ ♂ ☽. □ ♄ ♀	Clouds if not
3	d		♐	4	△ ♄ ☽	raine.
4	e	Florianus		16	✶ ♃ ☽. ☍ ☿ ☽	
5	f			29		Thunder=
6	g		♑	12	△ ♀ ☽. ☍ ♂ ☉	like, and Co=
7	a			24	✶ ♂ ☽	ruscations.
8	[illegible]	4 sun. af. East	♒	8	☍ ♄ ☽. □ ♀ ☽	
9	c	Mens. Pasc.		21	☌ ♃ ☽. □ ♂ ☽	Remisse heat
10	d		♓	5	□ ♃ ☽ 11 a.	and cooling
11	e			18	△ ♂ ☽. ✶ ♀ ☽	winds.
12	f	Pancratius.	♈	3	△ ♄ ☽	
13	g			17	✶ ♃ ✶ ☿ ☽	
14	a		♉	2	□ ♄ ☽	Clouds scat=
15	[illegible]	5 sun. aft. East.		17	☌ ♀ ☽. ☍ ♂ ♀	tering, yet hot
16	c	Quind Pasc.	♊	3	✶ ♄ ☽	
17	d			17	△ ♃ ☽. ☌ ☿ ☽	
18	e	Potentia.	♋	1		
19	f	[illegible] day.		15	△ ♂ ☽. ✶ ♄ ☉	Like to be va=
20	g	Crast Ascen.		29	✶ ♀ ☽	riable till to=
21	a		♌	12	☍ ♃ ☽. ✶ ☿ ☽	wards the
22	[illegible]	6 sun. aft. East.		24	☌ ☉ ☿. ☽☽	28 day, then
23	c	[illegible]	♍	7	□ ♀ ☽. ✶ ☿ ☽	pleasant
24	d			19	✶ ♂ ☽	weather ends
25	e	Urbanus.	♎	1	△ ♀ ☽	the month.
26	f			14	✶ ♄ ☽. ✶ ♄ ☿	
27	g			24	☌ ♀ ☿ 1 ☉	
28	a		♍	6	✶ ♄ ♀. △ ♃	
29	[illegible]	[illegible]		18	□ ♃ ☽. ☌ ♂ ☽	
30	c		♐	0	☍ ♀ ☽. 12	
31	[illegible]	Nerius.		12	✶ ♃ ✶ ☿ ☽	

Full Moon 1 day, at 3 in the morn.
Last quarter 8 day, 34 min. past 10 before noon.
New Moon 15 day, about 4 in the morne.
First quarter 22 day, at 5 in the afternoon.
Full Moon the last day, 33 min. past 2 in the after noon.

1	e		♐	25		
2	f		♑	8		Temperate
3	g	Erasmus.		21	☌☿ ☽ 6 ☼.	weather,
4	a	Bonifacius.	♒	4	☍♄ ☽. △♅ ♀	with some
5	b	Trinity Sun.		18	☌♅ ☽. △♀ ☽	cooling winds
6	c	Craft. Tri.	♓	1	□☿ ☽	untill the 10
7	d			15	△☌ ☽. □♀ ☽	day.
8	e	Medardus.		19	☌☿ ☽	
9	f		♈	13	△♄ ☽. □♀ ☽	
10	g			27	☌♀ ☽	Heat increa-
11	a		♉	11	□♄ ☽. ☍☌ ☽	seth.
12	b	1 sun. aft. Tri.		26		
13	c	Octab. Trin.	♊	11	△♅ ☽. ☌☿ ☽	
14	d	Valerius.		25	☌♀ ☽	
15	e	Vitus.	♋	9	☿ in di. ma. à ☉.	
16	f	Rolandus.		23	△☌ ☽	Heat abated
17	g		♌	7	☌♄ ☽. ☌☿ ☽	
18	a			20	☍♅ ☽. □☌ ☽	Hot weather.
19	b	2 sun. aft. Tri	♍	2	☌☿ ☽. △♅☿	
20	c	Quind. Trin.		15	☌☌ ☽. □♀ ☽	
21	d			27		
22	e	Alban. mar.	♎	9	△♄ ☽. □♀ ☽	Temperate
23	f			20	△♅ ☽. △☿ ☽	untill the 29
24	g		♏	2	□♄ ☽. 20 p.	day, then ex-
25	a			14	□♅ ☽. ☍☌ ☽	pect rain.
26	b	3 sun. aft. Tri.		26	☍☉♀ 13 p.	
27	c	Tres Trin.	♐	8	△♄ ☽	
28	d			21	☌♅ ☽. ☍☿ ☽	
29	e		♑	4		
30	f	Con. S. Paul		17	Terme ends.	
					△☉☌. 14 p.	

Last quarter 2 day, 34 min. past 2. after noon.
New Moon 14 day, 45 min. past noon.
First quarter 20 day, 37 min past 10 before noon.
Full Moon 30 day, 11 min. past 1 in the morne.

1	g		♒	1	☌ ♄ ☽	22	
2	a	Visit. Mar.		14	☌ ♅ ☽ . □ ♂ ☽		Thunder
3	b	4 mo. aft. Tri.		28	△ ☿ ☽ . 23		threatned.
4	c		♓	12	△ ♂ ☽ . 14		
5	d			26	△ ☿ ☽		
6	e		♈	10	△ ♄ ☽ . □ ♀ ☽		Cooling
7	f			24	□ ☿ ☽		Winds and
8	g		♉	8	□ ♄ ☽ . □ ♅ ☽		tempestuous
9	a			22	✶ ☿ ☽ △ ☌ ☿		storms threat-
10	b	Thilianus.	♊	6	☌ ♄ ♅ . 6 p.		ned.
11	c	Cyrillus		20			
12	d	5 sun. aft. Tri.	♋	4			
13	e			18	△ ♂ ☽		Hot clouds
14	f		♌	2	☌ ☿ ☽ . ☌ ☉ ☿		scatter.
15	g	Swithin.		15	☌ ♄ ☽		
16	a	Alexius.		28	□ ♂ ☽		
17	b	6 sun. aft. Tri.	♍	10			Thunder-like
18	c			23	✶ ♂ ☽		
19	d		♎	5	☌ ♅ ☿ . ☌ ♅ ☿		Cooling
20	e	Margaret.		17	✶ ☿ ☽ . ☌ ♄ ☿		winds and
21	f			28	☌ ♄ ☿ sp!		Temperate
22	g		♏	10	□ ♄ ☽ . □ ♅ ☽		weather.
23	a	Apollonia.		22	☌ ♂ ☽ . □ ☿ ☽		
24	b	7 sun. aft. Tri.	♐	4	✶ ♅ ☽		
25	c	James Apost.		16	△ ☿ ☽ . ☌ ☉ ♅		Like to be
26	d	Anna.		29	△ ☿ ☽		stormy, with
27	e	Martha.	♑	12	□ ♂ ☽ . 5 p.		thunder and
28	f			25	✶ ♂ ☽		lightning.
29	g	Beatrix.	♒	9	☌ ♅ ☽ . ☌ ♄ ☉		
30	a			23	□ ☌ ☽ . ☌ ☿ ☽		Rain-like
31	b	8 sun. aft. Tri.	♓	7	♂ ☿ ☽		

Last quarter 5 day, 36 min. past 6 at night.
New Moon 13 day, 7 min past 1 in the morne.
First quarter 21 day, 50 min past 3 in the morne.
Full Moon 28 day, 47 min. past 10 before noon.

1	c	Lamas day.	♓	22	△ ♂ ☽. 17 p.	Clouds
2	d		♈	6	✶ ♃ ☽	scattering,
3	e			20	△ ♄ ☽ □ ♂ ♀	and rain-like,
4	f	Aristarchus.	♉	5	□ ♃ ☽	and it may be
5	g	Oswaldus		15	□ ♄ ☽ △ ☿ ☽	Thunder.
6	a	Sixtus.	♊	3	☍ ♂ ☽. □ ♀ ☽	
7	♋	9 sun. aft. Tri.		17	✶ ♄ ☽ □ ☿ ☽	
8	c		♋	1		Remisse heate
9	d			14	✶ ♀ ☽. ✶ ☿ ☽	
10	e	Laurentius.		27	△ ♂ ☽ 16 p.	
11	f		♍	6	☍ ♃ ☽	
12	g	Clara.		18	☌ ♄ ☽	
13	a	[illegible]	♎	1	□ ♂ ☽	
14	♏	10 sun. aft. Tr.		13	☌ ♀ ☽	Thunder and
15	c			25	☌ ☿ ☽	Tempest
16	d		♏	6	✶ ♄ ☽. ✶ ♂ ☽	threatned.
17	e	Eusebius.		18	✶ ♃ ♂. 17 p.	
18	f	Pochus.		30	□ ♃ ☽	Wind and
19	g		♐	12	□ ♄ ☽. ✶ ♀ ☽	clouds.
20	a			24	✶ ☿ ☽	
21	♑	11 sun. aft. Tr.	♑	7	✶ ♃ ☽. ☌ ♂ ☽	Hot weather.
22	c			20		Winds and
23	d	Timothius.	♒	3	△ ♄ ☽. □ ♀ ☽	clouds scat-
24	e			17	△ ♃ ♀ 15 p.	tering
25	f	Ludovicus.	♓	2	☿ Elon. max. 3 ☉	
26	g			16	☍ ♄ ☽. ✶ ♂ ☽	
27	a		♈	1		
28	♉	12 sun. aft. Tr.		15	□ ♂ ☽	
29	c		♉	1	☍ ♂ ☽. □ ♂ ☉	
30	d		♌	1	△ ♄ ☽. △ ♂ ☽	
31	e	Paulinus.		23	□ ♃ ☽. 13 p.	

Last quarter 4 day, 7 min. past 2 in the morne.
New Moon 11 day, 10 min past 4 after noon.
First quarter 19 day, 7 min. past 8 at night.
Full Moon 26 day, 1 min. past 8 at night.

1	f	Eg dius	♉	15	☐ ♄ ☽	Wild and good
2	g	Veronica.		29	△ ♅ ♀	weather.
3	a		♊	14	☌ ♂ ☽ . △ ☿ ☽	
4	b	13 sun. aft. Tri.		27	✶ ♄ ☽ . ☐ ☉.	
5	c		♋	11	☐ ☿ ☽ . ☐ ☿ ☽	Close,
6	d	Magnus.		24	△ ♄ ♂ . 12 p.	unconstant,
7	e	Regina	♌	7	☌ ♅ ☽	and Rain-
8	f	Natal. Mar.		20	☌ ♄ ☽ △ ♂ ☽	like.
9	g	Gorgon.	♍	2	☌ ♀ ☿ . 4 p.	
10	a			15		
11	b	14 sun. aft. Tri.		27	☐ ♂ ☽	Indifferent
12	c		♎	9	△ ♅ ☽	winds,
13	d			21	✶ ♄ ☽ . ✶ ♄ ♀	raising raine.
14	e	Exalt. Cross	♏	3	☐ ♅ ☽	
15	f	Nicodemus.		15		
16	g	Euphemia.		27	☐ ♄ ☽	
17	a	Lampert.	♐	9	✶ ♅ ☽ . ✶ ☿ ☽	Good for
18	b	15 sun. aft. Tri.		21	△ ♄ ☽	the time.
19	c		♑	3	✶ ☌ ♀ . 13 p.	
20	d	Fausta.		15	△ ☉ ☿ . 9 p.	
21	e			28	☍ ☉ ☿ . △ ♅ ☿	Clouds if
22	f	Mauritius.	♒	12	☌ ♅ ☽	not raine.
23	g	Esora.		25	☌ ♄ ☽	
24	a	Samuel	♓	10	✶ ☌ ☽ . ✶ ♌ ☽	Temperate
25	b	12 sun. aft. Tri.		24	△ ☌ ☿ . 11 a.	weather;
26	c		♈	6	☐ ♅ ♀ . 1 a.	
27	d	Cleophas.		21	△ ♄ ☽	
28	e		♉	6	♅ ☽ . ☌ ♀ ☽	Lowring.
29	f			21	☐ ♄ ☽	
30	g	Hieronymus.	♊	5	△ ♅ ☽ . △ ☿ ☽	

October hath xxxi. dayes;

Last quarter 3 day, 20 min. past 11 in the forenoon.
New Moon 11 day, 38 min. past 9 before noon.
First quarter 19 day, near 11 before noon.
Full Moon 26 day, 27 min. past 5 in the morne.

1	a		♊	24	✶ ♄ ☽	Moisture
2	♋	17 sun. ast. Tri.	♋	7	☍ ♂ ☽. □ ☿ ☽	threatned.
3	c			21	△ ♀ ☽	
4	d	Franciscus.	♌	4	☍ ♃ ☽. ✶ ☿ ☽	
5	e			17	☌ ♄ ☽. □ ♀ ☽	Wind and
6	f	Fides.		29	☿ in Elon. m. a ☉	clouds.
7	g		♍	12	△ ♂ ☽. △ ☉ ♄	
8	a			24	✶ ♀ ☽. △ ♃ ☿	
9	♎	18 sun. ast. Tri.	♎	6	△ ♃ ☽. ☌ ♀ ☽	Misty and
10	c			18	□ ♂ ☽. □ ♄ ♀	cloudy.
11	d	Burchard.		30	✶ ♄ ☽	
12	e	Colmannus.	♏	12	□ ♃ ☽. ✶ ♂ ☽	Dry mild
13	f	☉ enters ♏		24	□ ♄ ☽. ☌ ♀ ☽	weather,
14	g	Calixtus.	♐	5	✶ ♃ ☽	yet raine
15	a			17	△ ♂ ☿ 6 p.	threatned.
16	♑	19 sun. ast. Tri.		29	△ ♄ ☽	
17	c		♑	12		
18	d	Luke Evang.		24	☌ ♂ ☽. □ ☿ ☽	Mild but
19	e	Ptolomeus.	♒	7	☌ ♃ ☽. ✶ ♀ ☽	inclining to
20	f			20	☍ ♄ ☽. △ ☿ ☽	raine.
21	g	Tres Micha	♓	4	□ ♀ ☽	
22	a	Cordula		18	✶ ♂ ☽	
23	♓	20 sun. ast. Tr.	♈	2	✶ ♃ ☽	
24	c	Terme begins		17	△ ♀ ☽	
25	d		♉	2	△ ♄ ☽. ☍ ☿ ☽	Temperate
26	e	Amandus.		18		Cold and
27	f	Hense Mich	♊	2	□ ♄ ☽. △ ♂ ☽	windy.
28	g	Sim. & Jude.		18	✶ ♄ ☽. ☍ ♀ ☽	
29	a		♋	2	□ ♃ ☿	
30	♋	21 sun. ast. Tri.		17	☍ ♂ ☽ 22 p.	
31	c	Quintinus.	♌	1	☍ ♃ ☽ 17 p.	

November hath xxx. dayes.

Last quarter 2 day, 22 min. past 1 in the morne.
New Moon 10 day, 11 min. past 4 in the morne.
First quarter 17 day, 36 min. past 11 at night.
Full Moon 25 day, 26 min. past 1 in the morne.

1	d	All Saints.	♌	14	□ ☿ ☽	Wind and
2	e	All Soules.		26	☌ ♄ ☽. △ ♀ ☽	overcast.
3	f	Crast. Anim.	♍	9	✶ ☿ ☽. 22 p.	
4	g			21	□ ♀ ☽. △ ♄ ♀	Temperate
5	a	Powd. Treas.	♎	3	△ ♂ ☽	weather.
6	B	22 sun. aft. Tri.		15	△ ♃ ☽	
7	c			27	✶ ♄ ☽. ✶ ♀ ☽	
8	d		♏	9	□ ♄ ☉. □ ♄ ☿	Rain=like.
9	e	Theodorus.		20	□ ♄ ☽. ☌ ☉ ☿	
10	f		♐	2	✶ ♂ ☽. ☌ ☿ ☽	Remisse cold.
11	g	Martinus.		14	✶ ♃ ☽	
12	a	Mouters ♃		27	△ ♄ ☽	Windy.
13	B	23 sun. aft. Tri.	♑	9	☌ ♀ ☽	
14	c			21		
15	d	Leopoldus.	♒	4	✶ ☿ ☽	Variable
16	e			17	☌ ♃ ☽. ☌ ♂ ☽	weather.
17	f	Hugonus.		30	☍ ♄ ☽. ☌ ♃ ♂	Threatning
18	g		♓	13	✶ ♀ ☽. ✶ ♃ ☿	snow or
19	a	Octab. Mar.		27	✶ ♂ ☿ 2 p.	raine.
20	B	24 sun. aft. Tr.	♈	11	✶ ♃ ☽. ✶ ♂ ☽	
21	c			26	△ ♄ ☽. 18 p.	Temperate
22	d	Cecilia.	♉	11	□ ♃ ☽. □ ♂ ☽	weather.
23	e	Clement.		26	□ ♄ ☽	
24	f		♊	11	△ ♃ ☽. ✶ ♃ ☉	
25	g	Quind. Mar.		26	✶ ♄ ☽	
26	a	Conradus.	♋	11	☍ ♀ ☽. 22 p.	
27		1 sun. in Adve.		25	△ ♃ ☿. 12 p.	Rain=like,
28	c	Fermi ends.	♌	9	☍ ♃ ☽	and windy.
29	d			22	☌ ♄ ☽	
30	e	Andrew Apo.	♍	5	△ ☿ ☽	

Last quarter 4 day, 50 min past 5 at night.
New Moon 9 day, 30 min past 10 at night.
First quarter 17 day, 23 min past 10 before noon.
Full Moon 24 day, at 3 in the morne.
Last quarter the last day neare 6 at night.

1	f		♍	17		Windy.
2	g	Candidus.		20	△ ☿ ☽. □ ♆ ☽	
3	a		♎	12	△ ♅ ☽	
4	b	2 sun. in Adv.		2	✶ ♄ ☽. △ ♂ ☽	Temperate and mild till the ninth day.
5	c		♏	5	□ ♀ ☽. ✶ ♇ ☽	
6	d	Nicholaus.		17	□ ♅ ☽. ☌ ♄ ♐	
7	e	Concep. Ma		29	□ ♂ ☽. △ ☉ ♄	
8	f		♐	11	✶ ♅ ☽. ✶ ♂ ☽	
9	g			25	△ ♄ ☽	Windy and cold.
10	a		♑	6	✶ ☉ ♂. 15 p.	
11	b	3 sun. in Adv.		18	☉ ☍ ☾	Threatning snow.
12	c	Lucia.	♒	1		
13	d	Nicasius.		14	♂ ♅ ☽. ☌ ♀ ☽	
14	e			27	☌ ♄ ☽. ☌ ♂ ☽	Temperate weather.
15	f		♓	10		
16	g	Lazarus.		24	✶ ☿ ☽.	
17	a	4 sun. in Adv.	♈	7	☌ ♅ ♀. 3 a.	Intermixed with showers.
18	b			21	△ ♄ ☽. □ ♀ ☽	
19	c		♉	6	☿ Elon ma à ☉.	
20	d			20	□ ♄ ☽. □ ☿ ☽	
21	e	Theodosius.	♊	5	□ ♂ ☽. △ ☿ ☽	
22	f			20	✶ ♄ ☽ △ ♅ ☽	
23	g	Ignatius.	♋	4	△ ♂ ☽	Rain-like.
24	a			9	☌ ♄ ☿. 5 a.	
25	b		♌	4	☌ ☿ ☽	Wind and clouds raising rains.
26	c			17	☌ ♅ ☽	
27	d		♍	0	♂ ♄ ☽. ☌ ♀ ☽	
28	e			13	☌ ♂ ☽	
29	f			27	△ ☿ ☽	
30	g		♎	8	✶ ♄ ☽. △ ♅ ☽	
31	a			20		

CROOK 1653.

A Prognostication for this present year of Grace, 1653.

Being the first after Bissextile or Leap-Year.

Containing Astronomical Calculations, Observations upon the Four Quarters of the Year: A Description of all the Eclipses both of the Sun, and Moon visible this year, either in *England*, or beyond the Seas, with other things both pleasant, and necessary.

By WILLIAM CROOK, Mathematician

I will consider the heavens, the works of thy fingers, even the Moon and the Stars which thou hast ordained, Psal. 8. 3.

LONDON,
Printed by *G. Dawson* for the Company of Stationers, 1653.

The Radices of the middle motions of the Planets, January 1. 1653. *at Noon.*

The progression of the first star of ♈. from the vernall Æquinox.	☽ 00 28 20 17
The mean longitude of ☉	09. 21. 21. 02.
The Aphelion of ☉	03. 06. 36. 53.
The mean Longitude of ☽	02. 19. 59. 46.
The Aphelion of	06. 05. 09. 16.
The Node ascend of ☽	11. 25. 45. 18.
The mean motion of ♄	04. 04. 39. 36.
The Aphelion of ♄	08. 27. 09. 36.
The Node ascend. of ♄	03. 21. 03. 51.
The mean motion of ♃	09. 29. 40. 54.
The Aphelion of ♃	06. 08. 46. 25.
The Node ascend. of ♃	03. 05. 37. 16.
The mean motion of ♂	06. 00. 56. 27.
The Aphelion of ♂	05. 00. 03. 11.
The Node ascend. of ♂	01. 17. 21. 16.
The mean motion of ♀	06. 02. 32. 12.
The Aphelion of ♀	10. 05. 09. 58.
The Node ascend. of ♀	02. 13. 30. 36.
The mean motion of ☿	01. 03. 37. 09.
The Aphelion of ☿	08. 14. 18. 45.
The Node ascend of ☿	01. 13. 48. 00.

A Table of the Kings.

The Kings names.	Began their reignes.	Reigned, Yea mon. daies	Yeares since.	
Wil Conq.	1066 Oct. 14	20 y. 11 m. 14 d	566	yeares
Wil Rufus	1087 Sep. 9	12 y. 11 m. 17 d	553	yeares
Henr. the first	1100 Aug. 1	45 y. 4 m. 11 d	518	yeares
Stephen	1135 Dec. 2	18 y. 11 m. 18 d	499	yeares
Henry the 2	1154 Oct. 25	34 y. 9 m. 1 da	464	yeares
Richard the 1	1189 July 6	9 y. 9 m. 0 da.	454	yeares
John	1199 Apr. 6	17 y. 4 m. 18 da.	437	yeares
Henry the 3.	1216 Oct. 19	56 y. 1 m. 0 da	381	yeares
Edward the 1	1272 Nov. 10	34 y. 8 m. 6 d.	346	yeares
Edward the 2	1307 July 7	19 y. 17 m. 5 d	327	yeares
Edward the 3.	1326 Jan. 25	50 y. 5 m. 7 da.	276	yeares
Richard the 2	1377 Jun. 21	22 y. 3 m. 14 d	254	yeares
Henry the 4	1399 Sept. 29	13 y. 6 m. 3 da.	238	yeares
Henry the 5	1412 mar. 20	9 y. 5 m. 24 day	231	yeares
Henry the 6	1422 Aug. 31	38 y. 6 m. 8 d	193	yeares
Edward the 4	1460 Mar. 1	22 y. 1 m. 8 d	170	yeares
Edward the 5	1483 Apr. 9	0 y. 2 m. 18 d	170	yeares
Richard the 3	1483 Jun. 22	2 y. 2 m. 5 day.	168	yeares
Henry the 7	1485 Aug. 22	23 y. 10 m. 24 d	104	yeares
Henry the 8	1509 Apr. 22	37 y. 10 m. 2 da	107	yeares
Edward the 6	1540 Jan. 28	6 y. 5 m. 19 da.	100	yeares
Queen Mary	1553 July 6	5 y. 4 m. 25 da	95	yeares
Q. Elizabeth	1558 Nov. 17	44 y. 4 m 15 d	51	yeares
Iames	1602 mar 24	22 y. 0 m. 3 da.	28	yeares
Charles	1625 mar 27	23 y. 11 m. 2 d.	4	yeares

Note that each King begins his reign immediatly upon the end of the foregoing Kings reign without any intermission,

A Table shewing the houres and minutes of full Sea, or high water, at *London* Bridge the first six moneths of this year, 1653.

dates.	*January*, ho.	min.	*Febru.* ho.	min.	*March.* ho.	min.	*April.* ho.	min.	*May.* ho.	min.	*June.* ho.	min.
1	12	36	2	12	12	36	1	24	2	12	3	48
2	1	24	3	00	1	24	2	12	3	00	4	36
3	2	13	3	48	2	12	3	00	3	48	5	24
4	3	48	4	36	3	00	4	36	4	36	6	12
5	4	36	5	24	3	48	5	24	5	24	7	00
6	5	26	6	12	4	36	6	12	6	12	7	48
7	6	12	7	00	5	24	7	00	7	00	8	36
8	7	00	7	48	6	12	7	48	7	48	9	24
9	7	48	8	36	7	00	8	36	8	36	10	12
10	8	36	9	24	7	48	9	24	9	24	11	00
11	9	24	10	12	8	36	10	12	10	12	11	48
12	10	12	11	00	9	24	11	00	11	00	12	36
13	11	00	11	48	10	12	11	48	11	48	1	24
14	11	48	12	36	11	00	12	36	12	36	2	12
15	12	36	1	24	1	48	1	24	1	24	3	00
16	1	24	2	12	12	36	2	12	2	12	3	48
17	2	12	3	00	1	24	3	00	3	48	4	36
18	3	00	3	48	2	12	3	48	4	36	5	24
19	3	48	4	36	3	00	4	36	5	24	6	12
20	4	36	5	24	3	48	5	24	6	12	7	00
21	5	24	6	12	4	36	6	12	7	00	7	48
22	6	12	7	00	5	24	7	00	7	48	8	36
23	7	00	7	48	6	12	7	48	8	36	9	24
24	7	48	8	36	7	00	8	36	9	24	10	12
25	8	36	9	24	7	48	9	24	10	12	11	00
26	9	24	10	12	8	36	10	12	11	00	11	48
27	10	12	11	00	9	24	11	00	11	48	12	36
28	11	00	11	48	10	12	11	48	12	36	1	24
29	11	48			11	00	12	36	1	24	2	12
30	12	36			11	48	1	24	2	12	3	00
31	1	24			12	36			3	00		

A Table shewing the houres and minutes of full Sea, or high water, at *London* Bridge the last six moneths of this year, 1653.

Dais.	July. ho.	min.	August ho.	min.	Septemb. ho.	min.	October. hou.	min.	Novemb. ho.	min.	Decemb. ho.	min.
1	3	48	4	36	6	1	7	00	7	4	7	48
2	4	36	5	24	7	00	7	43	8	36	8	36
3	5	24	6	12	7	48	8	26	9	24	9	24
4	6	12	7	00	8	36	9	24	0	12	10	12
5	7	00	7	48	9	24	10	12	11	00	11	00
6	7	48	8	36	10	12	11	00	11	48	11	48
7	8	36	9	24	11	00	11	48	12	36	12	36
8	9	24	10	12	11	48	12	36	1	24	1	24
9	10	12	11	00	12	36	1	24	2	12	2	12
10	11	00	11	48	1	24	2	12	3	0	3	48
11	11	48	12	36	2	12	3	00	3	48	4	36
12	12	36	1	24	3	48	3	48	4	36	5	24
13	1	24	2	12	4	36	4	36	5	24	6	12
14	2	12	3	48	5	24	5	24	6	12	7	00
15	3	00	4	36	6	12	6	12	7	00	7	48
16	3	48	5	24	7	00	7	00	7	48	8	36
17	4	36	6	12	7	48	7	48	8	36	9	24
18	5	24	7	00	8	36	8	36	9	24	10	12
19	6	12	7	48	9	24	9	24	10	12	11	00
20	7	00	8	36	10	12	10	12	11	00	11	48
21	7	48	9	24	11	00	11	00	11	48	12	36
22	8	36	10	12	11	48	11	48	12	36	1	24
23	9	24	11	00	12	36	12	36	1	24	2	12
24	10	12	11	48	1	24	1	24	2	12	3	0
25	11	00	12	36	2	12	2	12	3	00	3	48
26	11	48	1	2	3	00	3	00	3	48	4	36
27	12	36	2	12	3	48	3	48	4	36	5	24
28	1	24	3	0	4	36	4	36	5	24	6	12
29	2	12	3	48	5	24	5	24	6	12	7	00
30	3	00	4	36	6	12	6	12	7	00	7	48
31	3	48	5	24			7	00			8	36

A Prognostication.

A Table whereby is found the time of full Sea at the chiefest Ports in, and adjoyning to this Common-wealth.

For these places add houres and minutes	Ho.	Min.
Barwick, S. Mal. Font. Ostend, Plackenbor.	0.	45
Frith. Leith, Dunbar. Mousth. Egmo. Nar. Silly	1	30
Falm. Garnsey, Pastdo S. Mal. Tinby, Torba	2	15
Lizard Foy, Waterford, Youghall, Cork, Kinsal	2	25
Lin Humber, Weym. Pimm Dartm. Lime, Salt.	3	0
Moon-bay, Antw. Hamb. Bristol, Lanion, Fouln.	3	0
Mill. Bringn. Exwater, North-coast of Engl	4	30
Portl. Peterport, Hareflew, Hague, Blanchey	5	15
Ormey, Pool, S. Ellens, Embden	6	0
Deep, Needles, Casket, Lux Lenoy	6	45
Bologn. Dover, Harw Yarmouth, Leist, Wight	7	30
Orfordnes, Northforland,	7	39
Calice, Calshot, Rie, Winchelsey, Goree	8	15
Lands-end, Southamp. Quinbor Portsmouth	9	0
Willings, Fland. Spit, Sluce, along the Severn	9	0

But contrariwise for these substract Houres and Min.

Redhan, Aberdeen, West end of the Nore	0	0
Gravesend Downs, Tenet, Rumney, Ramkins	2	15
Dundee, S. Andrews, Lisborn, S. Lucas	1	30
Tinmo, Hartpool, Cadiz, Gascoign, Brittain	0	45
Bissay, Calizia, Portugall	0	0

The use of the Table.

Observe in the fourth Colume of the blank page of the Almanack, the houres and minutes of full Sea at *London* Bridge to or from the time there noted, add or substract such houres and minutes, as this Table above doth appoint, and the totall of the one, or the remainder of the other, shall be the time of full Sea, at any of the abovesaid places, but notwithstanding an hours difference, more or lesse, may be caused by winds, Land-floods, or the Moons Latitude, according to their Scite or Quantity, &c.

A

A Brief Chronologie.

The Creation of the World	5602
Noahs Flood	3946
The birth of Abraham	3654
The promise made to Abraham	3519
Sodom and Gomorrah destroyed	3555
The birth of Isaac	3534
The birth of Moses	3230
The destruction of Troy	2855
The building of the Temple	2670
Brute entred this Island	2779
The building of London	760
Julius Cesar conquered this Land	2064
The building of Rome	2405
The building of York	2642
The building of Stamford	2516
The building of Carlile	2570
The building of Canterbury and Winchester	2545
The building of Shaftsbury	2545
The building of Leicester	2497
The captivity of Babylon	2258
The destruction of Jerusalem	1570
The building of Cambridge	1953
Jesus Christ baptized	1624
Jesus Christ crucified, April 3	1620
Saint Stephen martyred	1619

Since

Agrippa

Since

Agrippa eaten up of wormes 1609
Rome fired by the command of Nero 1592
Jerusalem destroyed by Titus, Sept. 8. 1583
Saint Paul beheaded at Rome 1587
The first persecution of Christians under Nero 1589
Daniels 70 weeks of yeares end 1583
The 2d Persecution under Domitian 1562
The 3d Persecution under Trajane 1553
The Heathen Oracles cease 1552
200000 Jews slain for rebelling against the Romans 1539
The 4th Persecution under Ælius and Adrian 1527
Saint John wrote the Revelation 1558
England received the Christian faith 1476
Scotland received the Christian faith 1460
The 5th Persecution under Marcus Aurelius 1486
Lucius first Christian King of England 1472
The 6th Persecution under Severus 1451
The 7th Persecution under Decius 1417
The 9th Persecution under Valerius 1396
The 10th Persecution under Diocletian 1350
Constantines Edict for the liberty of Christians 1341
Rome taken by the Goths 1243

Romes

Since

Since

Romes Empire divided into ten Kingdomes 1197
Jerusalem taken by the Persians from the Romans 1038
Cambridge made an Universitie 1018
The Saracens take Jerusalem from the Persians 1016
The Turks take Jerusalem from the Saracens 643
The battel at Nevils Crosse between Scotland and England 707
Painting and glasing first used in England 997
Badgad made the Imperiall seat of the Saracens 893
The Saracens break into Italie 823
Tangrolipix a Turkish Prince takes Badgad 596
Duke William the Conquerour 589
Jerusalem taken by Godfery of Bulloign 564
Jerusalem surprized by Saladine King of Persia. 467
The first Maior of London 463
Knights of the Garter ordained by Edward the third 307
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The first use of Coaches in England 97
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The last blazing Star 35
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The great fire on London Bridge 20
The Rebellion brake forth in Ireland, October 23 12
The Parliament began Novemb. 3. 13
Essex made Generall, July 12. 11
The signal battel of Edgehil, Oct. 23 11

Brain-

Since

- Brainford fight, Novemb. 12. 11
- Scots entred England, Jan. 16. 10
- Cheapside Crosse taken down, May 12 10
- Tomkins and Chalenor executed. July 5 10
- Newbury first Battell, Sept. 22 10
- Bishop of Canterb. beheaded, Jan. 10. 9
- Marston Moor fight, July 2. 9
- Newbury second Battell, Octob. 28. 9
- Book of Common-prayer voted down, November 26. 9
- Fairfax made Generall, Decemb. 31. 9
- Naseby fight, June 14. 8
- Goring beaten at Langport, July 10. 8
- House of Lords voted down, Febr. 7. 5
- Hamilton, Capel, and Holland beheaded March 9. 5
- Scots routed in Lancashire by L. G. Cromwell, Aug. 17. 5
- Colchester taken, and Lucas and Lisle shot Aug. 28. 5
- L. G. Cromwel marched for Ireland, July 11 4
- Ormond beaten from before Dublin, August 2. 4
- Lilburns tryall at Guildhall, Oct. 25. 4
- The Scots Routed in Scotland by L. G. Cromwel, Sept. 3. 3
- The Scots Colours hung up at Westminster, Sept. 21. 3

A Description of the four Quarters of the Year, and first of the Spring.

ÆQuinoctium Vernum or the Spring Quarter, according to Astronomicall Computation, takes its beginning when the Sun entreth into the first Scruple of the Equinoctiall sign Aries, making the day and night of equall length, which will come to passe this year the tenth day of March, at one of the clock and 33 min. in the morning.

This quarter being of temperature hot and moist, is therefore resembled to Youth, to Blood, to Air, and to the South wind.

The Spring Dame Flora *ushers in*
And Sol *being mounted high,*
Doth with his Royall beams begin
The watery Earth to dry.
The Birds doe sing, and Maids are seen
To prance the woods and fields,
The beauteous Floures, and trees so green
A fragrant savour yields.

Of

Of Summer.

SOlſtitium Æſtivum, or our Summer Quarter, beginneth when the Sun enters into the firſt ſcruple of the Tropicall ſign Cancer, which happeneth this year at 4. of the clock, and 44 min. in the morning, at which time the Sun maketh the longeſt day and ſhorteſt night to all that are on this ſide of the Equinoctiall line.

This quarter being of nature hot and dry, is reſembled to Infancie, to Choller, to Fire, and to the Eaſt wind.

The pleaſant Summer's entered in
And Phœbus *caſts his gleames,*
And doth to ripe Earths fruits begin
By th' heat of's radiant beams.
But though that he did prannce amain,
Up to the Northern ſigns,
Yet downwards ſtraight he runs again,
And leaves the Tropick lines.

Of Autumne, or Harveſt.

AUtumnall Equinoctiall, or our Autumne, or Harveſt Quarter, beginneth with us according to Aſtronomicall computation the 12. day of September, at 7. of the clock, and 28. min. at night, at which time, Titan or Lux publica mundi,

mundi, departeth from the last minute of Virgo, and entreth into the first minute of the Imaginary sign Libra, making again equall day and night.

The complexion of this quarter being of nature cold and dry, is likened to old Age, to Melancholy, to the Earth, and to the North wind.

See how the Trees doe tremble all,
Because the Winter's near,
It frights them so that they let fall,
Their leaves and fruits for fear:
And Flor' afraid of frost and snow,
Flies to her mother Earth,
And there she hides her head below,
Till Spring her time of birth.

Of Winter.

THe Hyemall Solstitiall, or Winter quarter, beginneth according to the Astronomicall account, the 11. of Decemb. at 7. of the clock and 18. min in the forenoon, at which time the Sun enters into the first scruple of the Tropicall sign Capricorn, making the shortest day, and longest nights to all that dwell on the North side of the Equinoctiall line.

This quarter is of nature cold and moist, and therefore resembled to the first declining Age, to Water, to Flegm, and to the West wind.

Bright

Bright Titan *now withdrawes his powers,*
No plant for cold can grow:
The pleasant fields instead of Floures,
Are all adorn'd with snow.
The trees have lost their cloaths of green,
They have cast their fruits away;
Nor Floure, nor leaf is to be seen,
But all seems pin'd away.

Of all the Eclipses this Year, 1653.

FOur times this year will the two great Luminaries suffer losse of their light, twice the Sun, and twice the Moon, of which the first of the Moon, will be visible in our Horizon, but all the rest beyond the Seas.

Of the first Eclipse

The first Eclipse is of the Sun, and will be on the 17. day of February, at 5. of the clock in the afternoon, but this Eclipse cannot be seen of us, because of the South latitude of the Moon, as also because the Luminaries will be under the earth, but in the longitude of the earth 6. degrees and 15. minutes, and South latitude 66. degr. in Magellanica and the South parts of the world this Eclipse will be visible, where the digits eclipsed

eclipsed will be 5. 26. minutes, and 46. seconds, and the duration 2. H. 32. ' 38 "

Of the second Eclipse.

THe second Eclipse is a totall Eclipse of the Moon, and will (if the skie be clear) be visible from the beginning to the end, in England, Scotland, France, Spain, and Ireland, &c. but those who shall behold it in their Meridian, are the people inhabiting in Brasilia, in the west parts of Gronland, and the east parts of Estotiland, in the longitude of the earth 324. degrees, 44. minutes: It happeneth on the 4. day of March in the morning, the Calculation followeth,

	D.	H.	'	"
The middle ☌ of the Lumin. Mar.	3.	15.	11.	48.
The Intervall of the middle and true Oppositi-on adde			00.	47. 33.
The middle time of the true ☌ Mar.	3.	15.	49	21
The coequat anomalie of ☉		8	16	01
The coequate anomaly of ☽		11	11	21 34
The true place of ☉ from the earth		♓	24	7 32
The true place of the ☽ in her orbite		♍	24	07 32
The argument of ☽ latitude		06	01	38 10
The true latitude of ☽		sou.	de.	08 33
The Reduction			substr.	24
The true place of ☽ in the Ecliptick		♍	24	07. 08

Hourly

Hourly motion of ☉		02 29
Hourly motion of ☽		29 50
Hourly motion of ☽ from ☉		27 21
The time of Reduction	add	53
Therefore the exact time of the true ☍ in respect of the equation of civill dayes.	March	03 15 54 17
Semidiamiter of ☽		15 38
Semidiamiter of the shadow		41 40
Aggregate of the Semidiamiters		57 18
Parts deficient		48 45
Digits Eclipsed	dig.	18 42 36
Minutes of incidence and half continuance together		56 40
Min. of half continuance		24 35
Time of half continuance		53 56
Time of incidence and half continuance		02 04 19
Totall duration		04 08 38
Distance of the middle of the Eclipse from true ☍		01 38

		°	′	
[illegible]	Beginning	03	10	South decend.
	End	13	06	

The beginning of the Eclipse					
The beginning of totall darkness	will be	10	49	20	
The greatest obscuration	March	02	58	43	in the
The true opposition	the 4. at	03	52	39	morning.
The end of totall darkness		03	54	17	
The end		04	46	35	
		05	56	58	

Of the third Eclipse.

THe third Eclipse is of the Sun, and will happen on the 22. of August about midnight, and therefore cannot be seen of us, but it will be visible in North America, and in such places as have North latitude 66. degrees, and longitude 237 degrees, 11 minutes, where the digits Eclipsed will be 2. 17 minutes, 5 seconds, and the totall duration will be 2. houres, 7. minutes, and 34. seconds.

Of the fourth Eclipse.

THe fourth Eclipse is of the Moon, and will happen upon the 28. of August at 11. in the forenoon, and therefore not to be seen of us,

but

but it will be visible to our Antipodes, and to them that are removed from us 6 houres both towards the East and towards the West, as in the East-Indies, China, Mexico, the East part of Peru, as also in the Islands of Sumatra, Java, Borneo, Luconia, Molacco, Phillippines, new Gninea, the Eastern Magellanica, &c. The quantity Eclipsed will be 18 digits. 33 minutes, 18 seconds, the totall duration will be 3 houres, 48 minutes, 16 seconds.

The

A Prognostication.

The parts of Mans body, which the Planets doe signifie of themselves.

Saturn
Spleen,
Right ear,
Bladder,
Bones.

Iupiter
Lungs, Ribs,
Liver, Gristles, Seed,
Arteries.

Mars
Gall, Reins,
Left ear,

Veines,
Stones.

Sol
Sight,
Heart,
Right side,
Marrow,
Sinnews,
Right eye, *Vir*,
Left *Mulier*.

Venus
Kidnies,
Sperm, Fatnes, Buttocks, Genitals, Matrix, Paps, Throat.

Mercurie
Memorie,
Tongue,
Hands,
Phantasie,
Mouth,
Sinnews,
Shanks,

Luna
Left eye, *Vir*,
Right, *Mulier*,
Stomack,
Left side,
Breast,
Womb port,
Taste,

Mars and Venus
The Secrets of both Sexes.

Of the Houses of the Planets.

♄ His Day house is ♑, his Night house ♒
♃ His Day house is ♐, his Night house ♓
♂ His Day house is ♈, his Night house ♏
☉ hath only one house, and that is ♌
♀ Her Day house is ♎, her Night house ♉
☿ His Day house is ♍, his Night house ♊
☽ Hath likewise but one house for day and night ♋

Of the Exaltation of the Planets.

♄ is exalted in ♎
♃ is exalted in ♋
♂ is exalted in ♑
☉ is exalted in ♈ ♌ ♏ and ♒
♀ is exalted in ♓
☿ is exalted in ♍
☽ is exalted in ♉
☊ is exalted in ♊
☋ is exalted in ♐

The

The Characters of the twelve Signs, and seven Planets.

The Northern Signs

♈ Aries, ♉ Taurus, ♊ Gemini, ♋ Cancer, ♌ Leo, ♍ Virgo

The Southern Signs

♎ Libra, ♏ Scorpio, ♐ Sagit. ♑ Capr. ♒ Aquar. ♓ Pisces

The Characters of the seven Planets.

♄ Saturn, ♃ Jupiter, ♂ Mars, ☉ Sol, ♀ Venus, ☿ Mercurie, ☽ Luna, ☊ Dragons head ☋ Dragons tail.

The Aspects both Old and New

☌ A Conjunction	When Planets are distant	0	0
SS. A Semisextile		1	0
⚺ A Sextile		2	0
Q. A Quintile		2	12
□ A Quartile		3	0
Td. A Tredicile		3	18
△ A Trine		4	0
Bq. A Biquintile		4	24
Qc. A Quincunx		5	0
☍ An Opposition		6	0

Note that the Dragons head and tail, are neither Signs, Planets, nor Aspects, but Nodes.

Of the Planet Venus.

The Golden Planet *Venus* is Orientall from the 5. of *September*, 1652. to the 26. of *June* this year 1653. and so long shee is our glorious Morning Star, rising before the Sun, and therefore called *Lucifer*; from the 26. of *June*, 1653. untill the 16. of *April*, 1654. shee is Occidental, and our glistering evening Star, setting or going down after the Sun, and therefore named *Hesperus*, or *Vesper*.

A

A Table shewing by the Aspects the change of Air.

Spri.	wind, or rain	turbulent air	dry and winie
Sum.	♄ hail or thun.	♃ thun. and hot	♂ thund. and lightn.
Aut.	♃ wind or rai.	♂ great winds	☉ wind and dry
Wint.	turbul. aire	temper. aire	remiss cold.
Spri.	rain or thun.	great wind	variable.
Sum.	♄ turbul. aire	♃ thun. & light.	♂ cloudie mists
Aut.	♂ rai. or wind	☉ great winds	♀ rain-like
Wint.	remiss cold	remiss cold	remiss cold
Spri.	cold rain,	temp. aire	rain or snow
Sum.	♄ hail or thun.	♃ pleas. heat	♂ thunder, hail
Aut.	☉ rain & cold	♀ fai. cold win.	☿ wind and hail
Wint.	cloudy, snow	warm aire	snow or rain
Spri.	rain and cold	warm & wind.	sometime hail
Sum.	♄ misling rain	♃ somtime thun.	♂ thund. or heat
Aut.	♀ cold rain	☿ moist wind	☽ Intemperate
Wint.	snow or rain	temperate	variable
Spri.	wind & rain	Of the quality	In airy wind
Sum.	♄ wind & cloud	♃ of the signes	☉ In watery rain
Aut.	☿ win. & clou.	☽ and sometimes	☿ ever rain if ☿
Wint.	wind & snow	white clouds	be Retrograde
Spri.	wind & wet	moisture	According to the
Sum.	♄ remiss wet	☉ thund. show.	☉ time and Pla-
Aut.	♃ cle air	☿ small rain	☽ net then predomi-
Wint.	cold & snow	rain or mist	nate.
Spri.	sweet showers	rain or wind	variable
Sum.	☿ rain and clou.	☿ remisse heat	☿ Of the nature of
Aut.	☿ variable	☽ flying clouds	☽ the sign, either
Wint.	some clouds	rain & snow.	moist or dry.

This Table being plain needs no explanation.

Of

Of the Magnitude of the Planets.

♄ Is greater then the Earth 22 times, and distant from it 9073000 miles.

♃ Is bigeer then the Earth 14. times, and distant from it 3431400 miles.

♂ Exceeds the Earth in bigneſſe 13 times, and is distant from it 1507070 miles.

☉ Is greater then the Earth 140 times, and distant from it 989000 miles.

♀ Is leſſe then the Earth 6 times, and distant from it 989000 miles.

☿ Is leſſe then the Earth 19 times, and is also distant from it 989000 miles.

☽ Is leſſe then the earth 42 times, and distant from it 48790 miles.

FINIS.